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|---------------|-----------------|---|----------|-----------------|------|
| 30 | Lock Nut | Rolled Steel | ロックナット | SS400 | 1 |
| 29 | Set Screw | Rolled Steel | 止めねじ | SS400 | 1 |
| 28 | Plug | Carbon Steel | プラグ | S15C | 1 |
| 27 | Seal Wire | Copper Wire | 封印ワイヤ | C1100W | 2 |
| 26 | Seal Ball | Tin | 封印玉 | Sn | 2 |
| 25 | Rivet | Carbon Steel | 打込みねじ | S15C | 4 |
| 24 | Name Plate | Stainless Steel | 銘板 | SUS304 | 1 |
| 23 | Lock Nut | Rolled Steel | ロックナット | SS400 | 1 |
| 22 | Spindle Ring | Brass | 弁棒リング | C3604 | 1 |
| 21 | Set Screw | Rolled Steel | 止めねじ | SS400 | 2 |
| 20 | Split Pin | Brass | 割リピン | C2700W | 1 |
| 19 | Pin | Brass | ピン | C3604 | 1 |
| 18 | Nut | Rolled Steel | 六角ナット | SS400 | 1set |
| 17 | Stud Bolt | Rolled Steel | 植込みボルト | SS400 | 1set |
| 16 | Lock Nut | Brass | ロックナット | C3604 | 1 |
| 15 | Set Screw | Brass | セットスクリュー | C3604 | 1 |
| 14 | Spring | Plano Wire or Spring Steel | ばね | SWP or SUP | 1 |
| 13 | Lever | Bronze or Cast Iron | レバー | CAC406 or FC200 | 1 |
| 12 | Spindle | Stainless Steel | 弁棒 | SUS403 | 1 |
| 11 | Spindle Guide | Brass | 弁棒ガイド | C3604 | 1 |
| 10 | Guide Plate | Cast Iron | ガイド板 | FC200 | 1 |
| 9 | Spring Plate | Cast Iron | ばね受 | FC200 | 2 |
| 8 | Lock Nut | Brass | ロックナット | C3604 | 1 |
| 7 | Adjusting Screw | Brass | 調節ねじ | C3604 | 1 |
| 6 | Valve | Cast Stainless Steel | 弁体 | SCS14A or SCS13 | 1 |
| 5 | Adjusting Ring | Stainless Steel or Cast Stainless Steel | シートリング | SUS304 or SCS13 | 1 |
| 4 | Valve Seat | Stainless Steel or Cast Stainless Steel | 弁座 | SUS304 or SCS13 | 1 |
| 3 | Cap | Cast Iron | キャップ | FC200 | 1 |
| 2 | Spring Case | Ductile Cast Iron | ばね箱 | FCD450 | 1 |
| 1 | Body | Ductile Cast Iron | 弁箱 | FCD450 | 1 |
| Name of Parts | | Material | 部品名 | 材質 | Q.TY |

(mm)

| Size | L | H | H ₁ | d | di | do | Flange JIS 10K FF | | | | No.28 Plug |
|------|-----|-----|----------------|----|----|----|-------------------|-----|----|------|------------|
| | | | | | | | D | C | t | n-h | |
| 20A | 90 | 276 | 75 | 21 | 20 | 22 | 100 | 75 | 18 | 4-15 | R 1/4 |
| 25A | 95 | 295 | 90 | 25 | 25 | 27 | 125 | 90 | 18 | 4-19 | R 1/4 |
| 32A | 100 | 331 | 95 | 35 | 35 | 37 | 135 | 100 | 20 | 4-19 | R 3/8 |
| 40A | 110 | 347 | 105 | 40 | 40 | 42 | 140 | 105 | 20 | 4-19 | R 3/8 |
| 50A | 115 | 388 | 110 | 50 | 50 | 53 | 155 | 120 | 22 | 4-19 | R 3/8 |

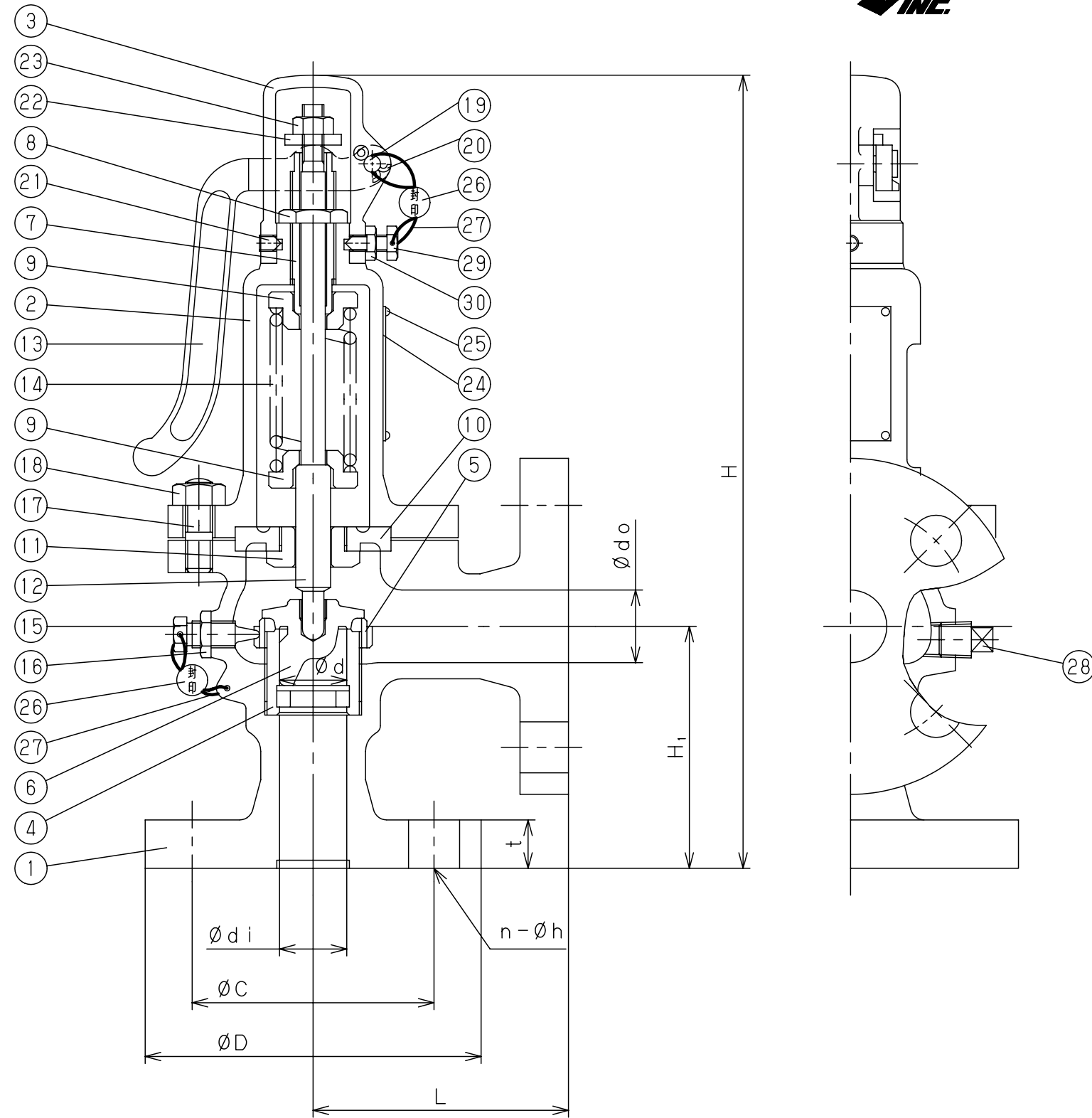
| Specification | |
|---------------|-----|
| Fluid | |
| Set Press. | MPa |
| Temp. | |
| Flow Rate | |

TYPE AL-5 LIFT SAFETY VALVE
揚程式安全弁

| | |
|-------------|--------------|
| Approval | M. KUME |
| Check | M. KUME |
| Drawing | Y. Aoyama |
| Drawing No. | Y-0041-2205 |
| Date | 25 AUG. 2008 |



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|---------------|-----------------|----------------------------|----------|-----------------|------|
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| 29 | Set Screw | Rolled Steel | 止めねじ | SS400 | 1 |
| 28 | Plug | Carbon Steel | プラグ | S15C | 1 |
| 27 | Seal Wire | Copper Wire | 封印ワイヤ | C1100W | 2 |
| 26 | Seal Ball | Tin | 封印玉 | Sn | 2 |
| 25 | Rivet | Carbon Steel | 打込みねじ | S15C | 4 |
| 24 | Name Plate | Stainless Steel | 銘板 | SUS304 | 1 |
| 23 | Lock Nut | Rolled Steel | ロックナット | SS400 | 1 |
| 22 | Spindle Ring | Brass | 弁棒リング | C3604 | 1 |
| 21 | Set Screw | Rolled Steel | 止めねじ | SS400 | 2 |
| 20 | Split Pin | Brass | 割りピン | C2700W | 1 |
| 19 | Pin | Brass | ピン | C3604 | 1 |
| 18 | Nut | Rolled Steel | 六角ナット | SS400 | 1set |
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| 16 | Lock Nut | Brass | ロックナット | C3604 | 1 |
| 15 | Set Screw | Brass | セットスクリュー | C3604 | 1 |
| 14 | Spring | Plano Wire or Spring Steel | ばね | SWP or SUP | 1 |
| 13 | Lever | Bronze or Cast Iron | レバー | CAC406 or FC200 | 1 |
| 12 | Spindle | Stainless Steel | 弁棒 | SUS403 | 1 |
| 11 | Spindle Guide | Brass | 弁棒ガイド | C3604 | 1 |
| 10 | Guide Plate | Cast Iron | ガイド板 | FC200 | 1 |
| 9 | Spring Plate | Cast Iron | ばね受 | FC200 | 2 |
| 8 | Lock Nut | Brass | ロックナット | C3604 | 1 |
| 7 | Adjusting Screw | Brass | 調節ねじ | C3604 | 1 |
| 6 | Valve | Bronze | 弁体 | CAC406 | 1 |
| 5 | Adjusting Ring | Bronze or Brass | シートリング | CAC406 or C3604 | 1 |
| 4 | Valve Seat | Bronze | 弁座 | CAC406 | 1 |
| 3 | Cap | Cast Iron | キャップ | FC200 | 1 |
| 2 | Spring Case | Ductile Cast Iron | ばね箱 | FCD450 | 1 |
| 1 | Body | Ductile Cast Iron | 弁箱 | FCD450 | 1 |
| Name of Parts | | Material | 部品名 | 材質 | Q.TY |

(mm)

| Size | L | H | H ₁ | d | di | do | Flange JIS 10K FF | | | | No.28 Plug |
|------|-----|-----|----------------|----|----|----|-------------------|-----|----|------|------------|
| | | | | | | | D | C | t | n-h | |
| 20A | 90 | 276 | 75 | 21 | 20 | 22 | 100 | 75 | 18 | 4-15 | R 1/4 |
| 25A | 95 | 295 | 90 | 25 | 25 | 27 | 125 | 90 | 18 | 4-19 | R 1/4 |
| 32A | 100 | 331 | 95 | 35 | 35 | 37 | 135 | 100 | 20 | 4-19 | R 3/8 |
| 40A | 110 | 347 | 105 | 40 | 40 | 42 | 140 | 105 | 20 | 4-19 | R 3/8 |
| 50A | 115 | 388 | 110 | 50 | 50 | 53 | 155 | 120 | 22 | 4-19 | R 3/8 |

| Specification | |
|---------------|-----|
| Fluid | |
| Set Press. | MPa |
| Temp. | |
| Flow Rate | |

TYPE AL-5 LIFT SAFETY VALVE
揚程式安全弁

| | |
|-------------|--------------|
| Approval | M. KUME |
| Check | M. KUME |
| Drawing | Y. Aoyama |
| Drawing No. | Y-0041-6505 |
| Date | 25 AUG. 2008 |



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